

Abstract of the Disclosure

5 An irrigation canal includes a plastic liner mechanically
connected to the canal by fasteners extending through tabs located
between the liner and the canal so the fasteners do not extend
through the membrane providing leak protection. Adjacent the side
walls of the canal, the tabs have a free end above the fixed end so
that the tab is easily accessible during installation. The plastic
is reinforced with a fiber mesh and has a tear strength above 100
pounds force. In the case of a concrete lined canal, a pilot hole
10 is drilled in the concrete and a fastener is driven through the tab
into the pilot hole. In the case of an earthen canal, anchors are
embedded in the earth along the length of the canal and longitudi-
nally extending members are connected between the anchors. The
plastic liner is mechanically connected to the longitudinally
15 extending members.